



ATTORNEY DOCKET NO. 14114.0327U2  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)	
	)	
Fields <i>et al.</i>	)	Group Art Unit: 1648
	)	
Serial No. 09/171,432	)	Examiner: Zechariah Lucas
	)	
Filed: November 23, 1998	)	Confirmation No. 8029
	)	
For: ANTIGENICALLY REACTIVE	)	
REGIONS OF THE HEPATITIS A	)	
VIRUS POLYPROTEIN	)	

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.  
Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Form PTO-1449 is a listing of documents known to Applicants and/or their attorneys. A copy of each of these documents is enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(c), in that neither a final Office Action nor a Notice of Allowance has been mailed to Applicants. Accordingly, Applicants enclose the fee required under 37 C.F.R. § 1.97(c)(2).

Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

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ATTORNEY DOCKET NO. 14114.0327U2  
APPLN. NO. 09/171,432

Credit Card Payment Form PTO-2038 authorizing payment in the amount of \$180.00, representing the fee under 37 C.F.R. § 1.17(p), is enclosed. This amount is believed to be correct; however, the Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

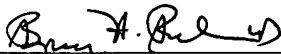


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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.



Bruce H. Becker, M.D.

4/27/04

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ATTORNEY DOCKET NO. 14114.0327U2

APPLICATION NO. 09/171,432

SHEET 1 OF 1

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**LIST OF INFORMATION CITED BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/171,432
Filing Date	November 23, 1998
First Named Inventor	Fields
Group Art Unit	1648
Examiner Name	Lucas

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No
		WO9425602	11/10/94	Simmonds et al.	
		WO9425486	11/10/94	Cho et al.	
		EP154587	09/11/85	Linemeyer et al.	

**NON-PATENT DOCUMENTS**

Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
		Cohen, J. I. et al., "Complete nucleotide sequence of wild-type hepatitis A virus: comparison with different strains of hepatitis A virus and other picornaviruses," J. Virol. 61(1), 50-59 (1987). Website: GenBank Accession No. M14707, <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=329582">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=329582</a> . Downloaded: 3-26-2004
		Cohen, J. I. et al., "Complete nucleotide sequence of an attenuated hepatitis A virus: comparison with wild-type virus," Proc. Natl. Acad. Sci. U.S.A. 84(8), 2497-2501 (1987). Website: GenBank Accession No. M16632, <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=329594">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=329594</a> . Downloaded: 4-26-2004
		Lemon, S. M. et al., "Antigenic and genetic variation in cytopathic hepatitis A virus variants arising during persistent infection: evidence for genetic recombination," J. Virol. 65(4), 2056-2065 (1991). Website: GenBank Accession No. M59808, <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=329585">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=329585</a> . Downloaded: 3-26-2004
		Lemon, S. M. et al., "Antigenic and genetic variation in cytopathic hepatitis A virus variants arising during persistent infection: evidence for genetic recombination," J. Virol. 65(4), 2056-2065 (1991). Website: GenBank Accession No. M59809, <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=329590">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=329590</a> . Downloaded: 4-26-2004
		Lemon, S. M. et al., "Antigenic and genetic variation in cytopathic hepatitis A virus variants arising during persistent infection: evidence for genetic recombination," J. Virol. 65(4), 2056-2065 (1991). Website: GenBank Accession No. M59810, <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=329587">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=329587</a> . Downloaded: 3-26-2004
		Graff, J. et al., "Nucleotide sequence of wild-type hepatitis A virus GBM in comparison with two cell culture-adapted variants," J. Virol. 68(1), 548-554 (1994). Website: GenBank Accession No. X75214, <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=443844">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=443844</a> . Downloaded: 3-26-2004
		Beneduce, F. et al., "Complete nucleotide sequence of a cytopathic hepatitis A virus strain isolated in Italy," Virus Res. 36(2-3), 299-309 (1995). Website: GenBank Accession No. X83302, <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=603025">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=603025</a> . Downloaded: 3-26-2004

Examiner Signature:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.